Name of Work:Improvements to Roads and Drains At Kogilu Colony In Ward no.05

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Removing and resetting of Footpath slab	Sqm	68.85	219.00	15078.15			68.85	219.00	15078.15	68.85	15078.15
2	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. By Manual Means :B. Cement Concrete Grade M-15 & M-20.	Cum	302.41	526.00	159065.63	-	-	302.38	526.00	159053.20 159052.0	302.38	159053.20 159052.0
3	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum	135.00	237.00	31995.00	-	-	135.00	237.00	31995.00	135.00	31995.00
	Above 125%	Cum	714.88	237.00	169426.89	-	-	714.56	237.00	169350.13	714.56	169350.13
4	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimmingbottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301	Cum	0.00	135.00	0.00			0.00	135.00	0.00	0.00	0.00
5	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	108.19	5780.00	625325.14	-	-	108.18	5780.00	625280.0 625254.39	108.18	625280.0 625254.39
6	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm	Cum	180.77	7423.00	1341847.62	-	-	180.77	7423.00	1341856.0 1341881.69	180.77	1341850.0 134188169

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
7	Providing and laying in position plain/Reinforced cement cement concrete M20 for sub-structure/Superstructure works, with cement @ 320 kgs, 20 mm & down size graded granite metal coarse aggregate @ 0.69 cum and fine aggregates @ 0.46 cum machine mixed with super plasticisers @ 3 lts confirming to IS 9103-2008,concrete laid in layers, well compacted and providing weep holes wherever necessary. with necessary scaffolding, form work etc., including cost of labour, HOM curing etc., complete	Cum	49.02	5541.00	271640.88	-	-	49.00	5541.00	271491.82	49.00	271491.82
8	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.1	Sqm	37.20	287.00	10675.14	-	-	37.17	287.00	10667.22	37.17	10667.22
9	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.1	Sqm	194.06	398.00	77237.47	-	-	193.92	398.00	77180.16	193.92	77180.16
10	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications.	Tn	15.53	78978.00	1226286.76	-	-	15.52	78978.00	1226129.38	15.52	1226129.38
11	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.	Sqm	690.38	2454.00	1694180.25	-	-	690.38	2454.00	1694180.25	690.38	1694180.25
	Above 125%	Sqm	327.83	2454.00	804482.55	-	-	327.80	2454.00	804408.93	327.80	804408.93
12	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of all materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge.	Sqm	105.57	5688.00	600482.16	-	-	105.57	5688.00	600482.16	105.57	600482.16
13	KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5	Cum	226.80	3990.00	904950.37	-	-	226.79	3990.00	904879.63	226.79	904879.63

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Sl No	Description of Work	Unit	As per Shedule -8			Previous Measurement		Present Measurement			Up to date	
14	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machinerles,all lead & lift charges etc., complete as per specifications. (P.No-176,I No-22.6.1)	Cum	226.80	5471.00	1240847.99	-	-	226.79	5471.00	1240750.99	226.79	1240750.99
15	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.	Sqm	1512.03	75.00	113402.30	-	-	1511.91	75.00	113393.25	1511.91	113393.25
	Total				9286924.31					9285176.54		9285176.54
	GST 12%				1114430.92					1114341.18		1114341.18
	Grand Total				10401355.23					10400517.72		10400517.72

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Contractor

NEWZEN CONSULTANT Bangalore

Asst. Engineer 15/4/21

Asst. Executive Engineer 15/4/2021

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Original / Duplicate / Triplicate

No. **1st & Final bill**

CONTRACT CERTIFICATE

(For Other Works)

Date.....20.....

Division: Yelahanka.

Bill Received No.....Dated.....Cash Book Voucher No.....dated.....

Sub Division: Yelahanka.

Scheduled Docket No.....

Name of Work : Improvements to Roads and Drains At Kogilu Colony In Ward no.05

Job Code No: 005-20-000116

Est. cost: 100.00 lakhs

Name of Contractor and Full Address : M/S Jathin Infra Pvt ltd, Bangalore.

Work Order No:**EE(Project)/YNK Zone /W.O/81/2020-21,** **Dated : 17-08-2020**

Certified that the measurements were taken by me on 15/4/21.....and recorded in pages 421762-771 of measurement Book No 13/19-20(421P)..... and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurements were taken by me on 15/4/2021..... and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No.....
   date .....less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied

Gross bill		1,04,00,159.00
Deduct	1%	2,08,003=00
CEM	1%	104002.00
CBFO	1%	10400.00
LR		130402.00
CUST		92859.00
SUST		92859.00
Total deduction		6,38,525=00
Net payable		97,61,634=00

Contractor's Signature

Received Rs.....(in words)

By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Dated.....Signature of Contractor

(For use in the Office)

Audited & Admitted for Rs.....

Rs. 1,04,00,159/-

Rs. 6,38,525/- by deduction

and Rs. 97,61,634/- by Cheque

Dated.....

Cash Rs.....Dated.....

Accts. Suppl. 20/5/2021
Project Division
R.B.M.P

Exe. Engineer
Project Division
R.B.M.P

Initials of Officer Making Payment

Executive Engineer

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